

How Do We Secure the Internet of Medical Things?

Program Overview

Security is less about technology than it is about education and having a plan.

Ernest will start by defining what we mean by the "Internet of Medical Things." He will then look at how medical devices are discovered, and leveraged by hackers, answer questions such as, "What is the value of medical devices?" and, "Why would someone hack them?"

The majority of this session will focus on strategies one can take to help create better security for medical devices that can connect to the external networks/internet. We will go over steps one can take to limit their security risk. Then we look into the steps you can take to monitor/alert because your security posture is only as good as your response time.

Program Objectives

At the completion of this program, the participants will be able to:

1. Define "Internet of Medical Things".
2. List trends & attacks against medical devices.
3. Identify unauthorized access and remote access.
4. List the risk of medical devices and how the Shodan search engine fits into the picture.
5. Discuss the top concerns, including outdated, unpatched systems, with default passwords.
6. Identify key steps to take to find and control medical devices.
7. Describe the Network Access Control (NAC) approach to computer security, the good and the bad.

About the Speaker

Ernest Staats, security consultant for ITSentrix, network and security manager with the Harbin Clinic, has also served as a computer security expert for the government, schools, private and religious institutions both nationally and internationally. He wants to change perceptions by giving ordinary people the tools to understand security.

While Ernest has written several IT network and security policies and performed many compliance audits, he also enjoys the technical aspects of networking and security. Previously, he served as director of IT for various organizations and the director of IT security for the city of Chattanooga before moving on to focus on IT security and networking for Georgia's largest multispecialty physician group. In addition, he also maintains the Network Paladin website which has several resources for families and schools to learn how to better secure themselves and others. Ernest has no real or perceived conflicts of interest that relate to this presentation.

Who Should Attend

Healthcare personnel interested in learning about the implications of the Internet and medical devices and some methods one can take to better secure them, especially IT staff, executive leaders and managers.



WEBINAR

DATE/TIME

Thursday
January 19, 2017
2:00 PM - 3:00 PM

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PROGRAM FEE

Webinar connection for MHEI Members: \$175

Webinar connection & CD recording of the webinar for MHEI Members: \$250

Webinar connection for Non-MHEI Members: \$300

Webinar connection & CD recording of the webinar for Non-MHEI Members: \$375

Registration fee covers one connection per registration. Multiple participants can view the webinar. Payment must be received before connection instructions will be sent

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Questions? Contact Kelly Yost,
Manager of Programs & Membership

410.796.6239

kyost@mhei.org



maryland healthcare
education institute
6820 Deerpath Rd.,
Elkridge MD 21075
410.796.6239 (p)
www.mhei.org